

AMENDMENTS TO THE CLAIMS

Claims 1-15 (Canceled)

Claim 16 (Currently Amended): A single chain antibody comprising an H chain V region and an L chain V region of a monoclonal antibody that is obtainable by immunizing an animal with a partial peptide of the human telomerase catalytic subunit, the partial peptide having an amino acid sequence designated as one of SEQ ID NOs: 1, ~~2~~, and 3, ~~and 6~~.

Claim 17 (Canceled)

Claim 18 (Currently Amended): A single chain antibody according to ~~claim 17~~ claim 16, wherein amino acid sequences of an H chain V region and an L chain V region of said single chain antibody have the same amino acid sequences as amino acid sequence of an H chain V region and an L chain V region of a monoclonal antibody which is selected from the group consisting of monoclonal antibodies KM 2311, KM2582, KM2590, KM2591, and KM2604.

Claim 19 (Canceled)

Claim 20 (Currently Amended): A single chain antibody according to ~~claim 19~~ claim 16, wherein amino acid sequences of an H chain V region and an L chain V region of said single chain antibody have the same amino acid sequence as amino acid sequences of complementary determining regions of an H chain V region and an L chain V region of a

monoclonal antibody which is selected from the group consisting of monoclonal antibodies KM 2311, KM2582, KM2590, KM2591, and KM2604.

Claim 21-26 (Canceled).

Claim 27 (Currently Amended): A method for immunologically detecting a human telomerase catalytic subunit using a monoclonal antibody that is obtainable by immunizing an animal with a partial peptide of the human telomerase catalytic subunit, the partial peptide having an amino acid sequence designated as one of SEQ ID NOs: 1, ~~2~~, and 3, ~~and 6~~.

Claim 28 (Original): An immunological detecting method according to claim 27, wherein the method is Western blotting, immunohisto staining method, immunocyte staining method, or dot blotting.

Claim 29 (Currently Amended): A method for immunologically detecting a microorganism, an animal cell, or an insect cell which expresses a human telomerase catalytic subunit intracellularly or extracellularly, using a monoclonal antibody that is obtainable by immunizing an animal with a partial peptide of the human telomerase catalytic subunit, the partial peptide having an amino acid sequence designated as one of SEQ ID NOs: 1, ~~2~~, and 3, ~~and 6~~.

Claim 30 (Original): An immunological detecting method according to claim 29, wherein the method is Western blotting, immunohisto staining method, immunocyte staining method, or dot blotting.

Claim 31 (Currently Amended): A method for immunologically quantitating a human telomerase catalytic subunit using a monoclonal antibody that is obtainable by immunizing an animal with a partial peptide of the human telomerase catalytic subunit, the partial peptide having an amino acid sequence designated as one of SEQ ID NOs: 1, ~~2~~, and 3, ~~and 6~~.

Claim 32 (Original): An immunological quantitating method according to claim 31, wherein the method is fluorescent antibody method, enzyme-linked immunosorbent assay method (ELISA), radioimmunoassay (RIA), or sandwich ELISA method.

Claim 33 (Currently Amended): A method for immunologically quantitating a microorganism, an animal cell, or an insect cell which expresses a human telomerase catalytic subunit intracellularly or extracellularly, using a monoclonal antibody that is obtainable by immunizing an animal with a partial peptide of the human telomerase catalytic subunit, the partial peptide having an amino acid sequence designated as one of SEQ ID NOs: 1, ~~2~~, and 3, ~~and 6~~.

Claim 34 (Original): An immunological quantitating method according to claim 33, wherein the method is fluorescent antibody method, enzyme-linked immunosorbent assay method (ELISA), radioimmunoassay (RIA), or sandwich ELISA method.

Claim 35 (Currently Amended): A diagnosis method for diseases wherein telomerase is involved using a monoclonal antibody that is obtainable by immunizing an animal with a

partial peptide of the human telomerase catalytic subunit, the partial peptide having an amino acid sequence designated as one of SEQ ID NOs: 1, ~~2~~, and 3, ~~and 6~~.

Claims 36-37 (Canceled)